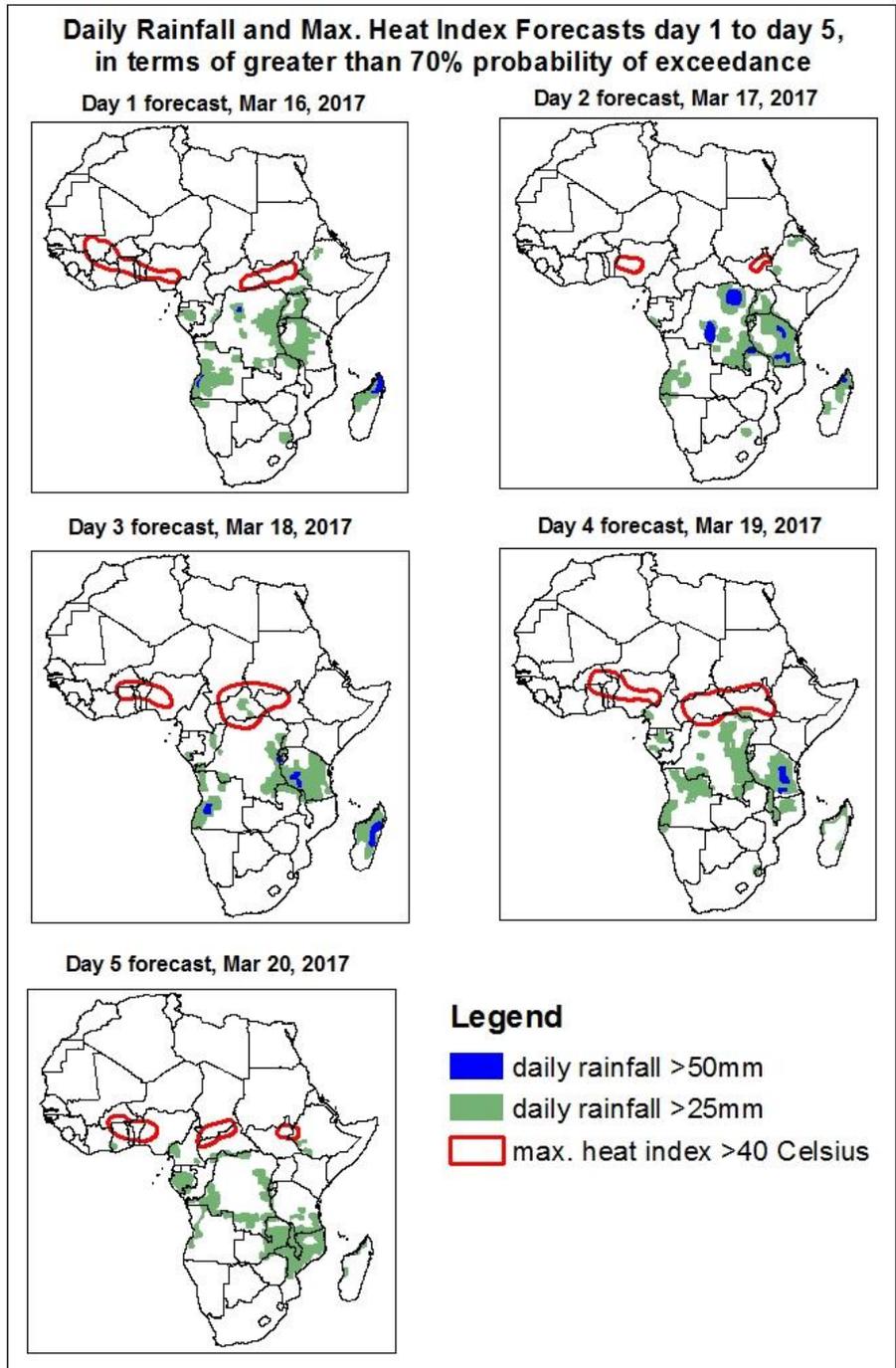


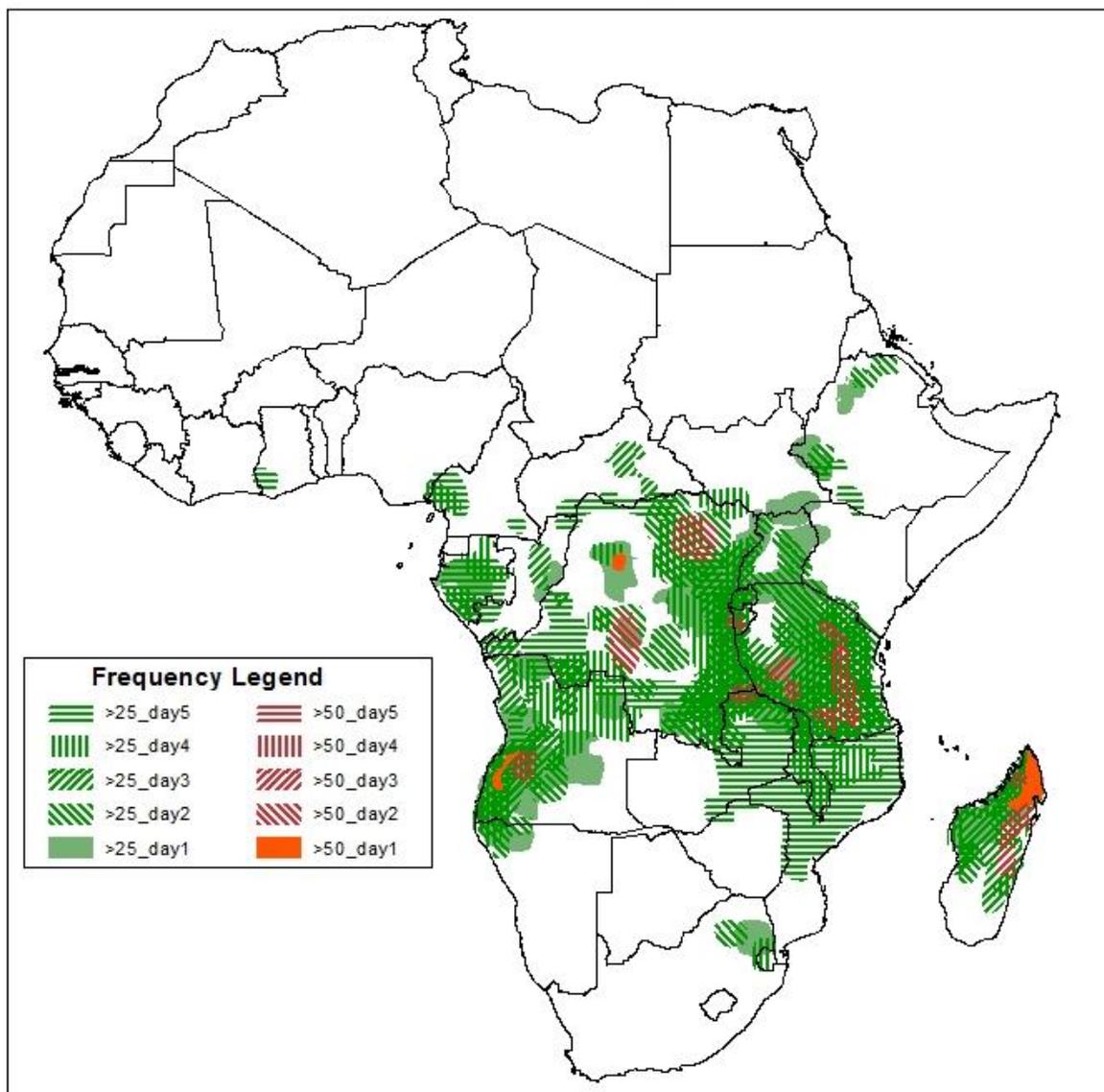
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on Mar 15, 2017)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: Mar 16 – 20, 2017)

The forecasts are expressed in terms of high probability of precipitation (POP) and high probability of maximum heat index, based on the NCEP/GFS, ECMWF and the NCEP Global Ensemble Forecasts System (GEFS) and expert assessment.



Five Days Rainfall Forecast Summary Mar 16 - 20, 2017

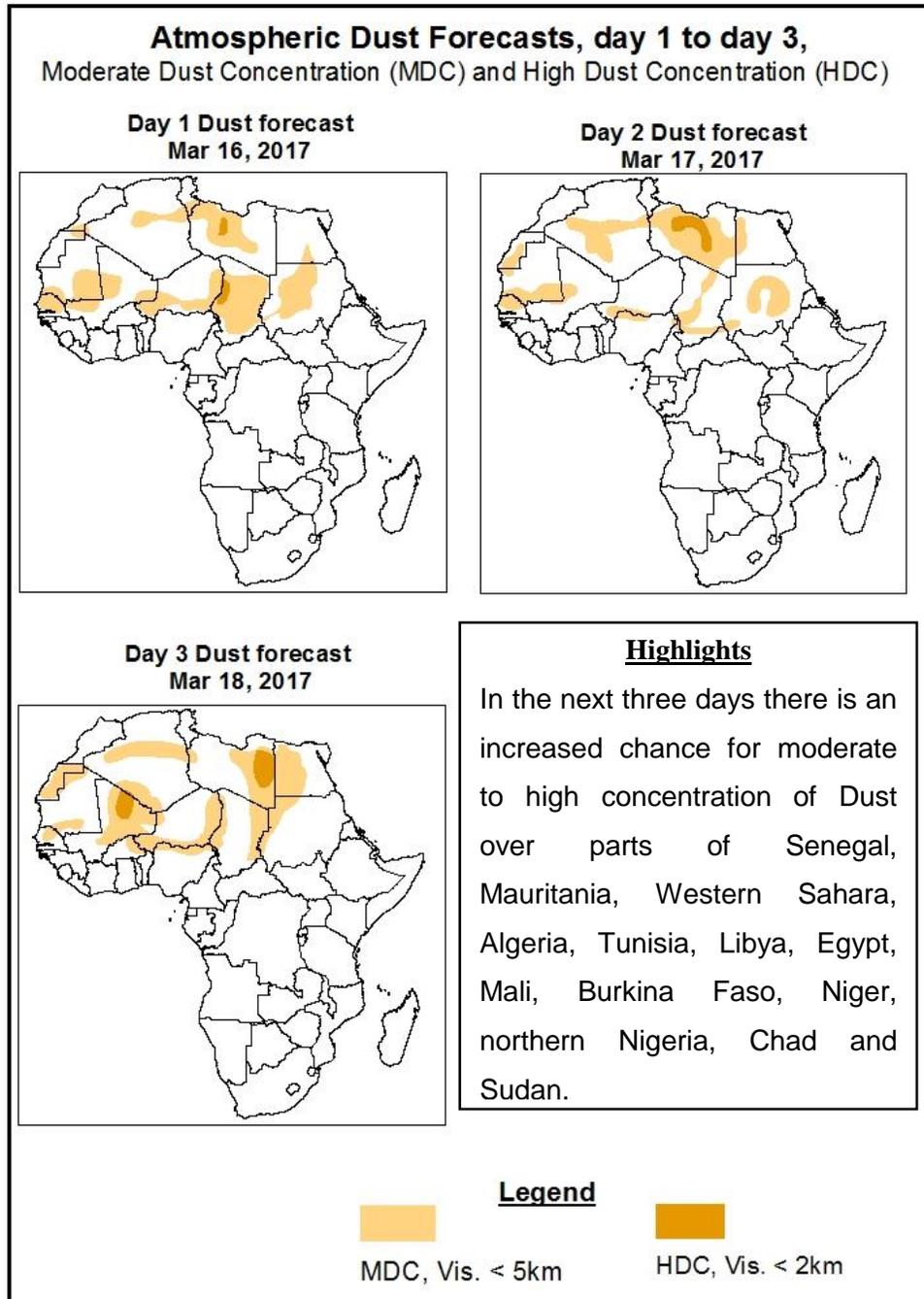


Highlights

In the next five days, lower level wind convergences across the Central and South African countries are expected to enhance rainfall in their respective regions. Therefore, there is an increased chance for two or more days of moderate to heavy rainfall over portions of Gabon, DRC, Uganda, Burundi, Rwanda, Tanzania, Malawi, Angola and Madagascar local areas of Ethiopia, Cameroon, Congo, Zambia, Namibia, Mozambique and South Africa.

1.2. Atmospheric Dust Concentration Forecasts (valid: Mar 16 – 18, 2017)

The forecasts are expressed in terms of high probability of dust concentration, based on the Navy Aerosol Analysis and Prediction System, NCEP/GFS lower-level wind forecasts and expert assessment.



1.3. Model Discussion, Valid: Mar 16 – 20, 2017

The Azores High Pressure system over the North Atlantic Ocean is expected to weaken with its value of the central pressure decreasing from 1038hPa to 1026hPa in the next 96 hours and intensify to 1029hPa during the remaining forecast period.

The St. Helena High Pressure system over the Southeast of the Atlantic Ocean is expected intensify with its value of the central pressure increasing from 1024hPa to 1033hPa in the next 96 hours and weaken to 1031hPa during the remaining forecast period.

The Mascarene High Pressure system over the Southwest Indian Ocean is expected to weaken with its value of the central pressure decreasing from 1033hPa to 1032hPa in the next 72 hours, intensify to 1032hPa during the next 96 hours and weaken to 1031 during the remaining forecast period.

At 925hPa, strong dry Northeasterly to Easterly winds may lead from light to moderate dust concentration over parts of Western Sahara, Senegal, Mauritania, Algeria, Tunisia, Libya, Egypt, Mali, Burkina Faso, Niger, northern Nigeria, Chad and Sudan.

At 850hPa level, lower level wind convergences are expected to prevail over Cameroon, Congo, Gabon, CAR, DRC, South Sudan, Uganda, Angola, Zambia, Tanzania, South Africa and Madagascar.

In the next five days, lower level wind convergences across the Central and South African countries are expected to enhance rainfall in their respective regions. Therefore, there is an increased chance for two or more days of moderate to heavy rainfall over portions of Gabon, DRC, Uganda, Burundi, Rwanda, Tanzania, Malawi, Angola and Madagascar local areas of Ethiopia, Cameroon, Congo, Zambia, Namibia, Mozambique and South Africa.

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (Mar 14, 2017)

Light to moderate rainfall was observed over portions of Mali, Guinea, Cote d'Ivoire, Ghana, Benin, Nigeria, Cameroon, Gabon, Congo, CAR, DRC, Tanzania, Angola, Zambia, South Africa and Madagascar.

2.2. Weather assessment for the current day (Mar 15, 2017)

Intense convective clouds are observed over portions of Guinea, Liberia, Ghana, Nigeria, Cameroon, Gabon, Congo, DRC, South Sudan, Uganda, Kenya, Tanzania, Angola, Zambia, Malawi, Namibia, Botswana, South Africa and Madagascar.

